

PRESSURE SENSITIVE ELECTRIC CONDUCTIVE BODY

Patent Number: JP4155707
Publication date: 1992-05-28
Inventor(s): KAWASHIMA YOICHI; others: 01
Applicant(s): YOKOHAMA RUBBER CO LTD:THE
Requested Patent: JP4155707
Application Number: JP19900281587 19901019
Priority Number(s):
IPC Classification: H01B5/16 ; H01C10/10
EC Classification:
Equivalents:

Abstract

PURPOSE: To provide a thin form electric conductor having good reproducibility by forming an insulative pattern having a specific height and specific requisite area ratio on a pressure sensitive electroconductive film whose resistance value varies with the pressing force, and thereby giving it a pressure sensitive characteristic equivalent to pressure sensitive electroconductive rubber.

CONSTITUTION: An electroconductive layer 2 and a pressure sensitive electroconductive coating surface 3, whose resistance value varies with the strength of the pressing force, are put on an insulative film 1 one over the other, and an insulative pattern 4 is formed on this coating 3. If this insulative pattern 4 is given a height of 5-50µm and the area ratio is 5-20% to the area where pressure is applied, the pressure sensitive characteristic becomes equivalent to that of pressure sensitive electroconductive rubber to achieve a pressure sensitive electric conductor of thin form equipped with a high reproducibility and an applied electronic appliance using is embodied in small size.

Data supplied from the esp@cenet database - I2

3 層圧巻地層

2 層地層

1 粘土層

4 透水性の層

